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All amounts are calculated in domestic currency.

es from 8/29/2017 to 8/29/2017

All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO34711	3		VU-SAB001	Polymers	8/30/2017	8/29/2017	400.0000				\$0.00
USD	No		MUHMWB10	sf						0	
			UHMW 1" Black -	sf	400.0000	PL0U01				0	
			48"x120" Tivar								
			Mfg #52480104								
			m138393								
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											

BORDEREAU D'EXPÉDITION

POLYMERSHAPES DISTRIBUTION CANADA INC.

Expéditeur à:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A 1K7

CANADA

téléphone - 1 (613)

6325200

Facturer à:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A 1K7

Canada

DATE:
28-AUG-17

ENTREPÔT: POLYMERSHAPES - MONTREAL QC
Dorval, QC, H9P 2W3, CA,,

COMMANDE:
93027301

BON DE COMMANDE:
PO34711

TÉL. DE LA PERSONNE-RESSOURCE:
0014005000120

MODALITÉS DE

TRANSPORT:

DATE DE LA

PAIEMENT:

CA NET 30

COMMANDE:

04-JAN-17

F.A.B.

REPRÉSENTANT:

DIXON, WADE

NOM POUR LIVRAISON:
37387793

N° DE CONNAISSANCEMENT JOURNEY
TRANSPORTEUR DE MARCHANDISES: COMMENTAIRE SUR FRAIS DE TRANSPORT:

CUSTOMER CHOICE - REVIEW NOTES

CATÉGORIE NUMÉRO DE PIÈCE / DESCRIPTION DE L'ARTICLE

DATE	QTE	QTE	QTE	QTE NON	UDM
D'EXPÉDITION	COMMANDÉE	EXPÉDIÉE	EXPÉDIÉE	EXPÉDIÉE	
28-AUG-2017	80	10	0	0	SH

1 52773104

UHMW SH 1.000 48X120 BK PLND/PLND | TIVAR 1000

INSTRUCTIONS SPÉCIALES: C OF C REQUIRED

Numéros de Lot:
(10 Qté)

8078-30

REÇU EN BON ÉTAT

Signé:

Date:

À moins qu'il en soit convenu autrement dans un document signé par les deux parties, toute vente par Polymershapes est effectuée exclusivement aux termes des conditions de vente standard de Polymershapes, qui peuvent être obtenues sur demande et en ligne à l'adresse www.polymershapes.com. BIEN QUE LES RENSEIGNEMENTS, LES RECOMMANDATIONS OU LES CONSEILS FIGURANT AUX PRÉSENTES SOIENT DONNÉS DE BONNE FOI, POLYMERSHAPES NE DONNE AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, QUANT AUX RÉSULTATS, À L'EFFICACITÉ OU À LA SÉCURITÉ DE TOUTE CONCEPTION CONTENANT DES PRODUITS, MATÉRIAUX, SERVICES, RECOMMANDATIONS OU CONSEILS DE POLYMERSHAPES. SAUF TEL QU'IL EST INDiqué DANS LES CONDITIONS DE VENTE STANDARD DE POLYMERSHAPES, PRODUITS OU SERVICES DÉCRITS AUX PRÉSENTES DÉCOULANT DE L'UTILISATION DE SES MATÉRIAUX, PRODUITS OU SERVICES DÉCRITS AUX PRÉSENTES

Chaque utilisateur assume l'entière responsabilité de ses décisions quant au caractère convenable des produits, des matériaux, des services, des recommandations ou des conseils pour sa propre utilisation. Chaque utilisateur doit identifier et effectuer tous les tests et analyses nécessaires pour s'assurer que ses pièces finies contenant des produits, matériaux ou services achetés de Polymershapes seront sûres et pourront être utilisées dans des conditions d'utilisation finales. Aucune disposition du présent document ou de tout autre document, ni aucune recommandation ou aucun conseil verbal, ne sera réputé modifier, faire varier, remplacer ou annuler toute disposition des conditions de vente de Polymershapes ou de la présente exclusion de responsabilité, à moins que cette modification ne soit précisément acceptée dans un écrit signé par Polymershapes. Aucun énoncé figurant aux présentes relativement à l'utilisation éventuelle ou suggérée de tout matériau, produit, service ou conception n'a pour but d'accorder, ni ne doit être interprété comme accordant, une licence sur les droits de brevets ou d'autres droits de propriété intellectuelle de Polymershapes ou de l'une de ses filiales ou d'un membre de son groupe couvrant cette utilisation ou cette conception, et ne doit pas être interprété comme une recommandation relative à l'utilisation de ce matériau, produit, service ou concept en violation d'un droit de brevet ou d'un autre droit de propriété intellectuelle.

Rapport de fin de

Certificate of Conformance1665 55th Avenue
Dorval, Quebec,
H9P 2W3**Date:** August 28/2017**Attn:** RECEIVING DEPARTMENT**Customer P.O. Number:** PO34711**To:** DART AEROSPACE LTD.**Sales Order No:** 93027301**Address:** 1270 ABERDEEN STREET**Manufacturer's Reference:** 0001887110

HAWKESBURY, ON.

Our Reference: MTL-105134

It is hereby certified that, to the best of Polymershapes Distribution Canada knowledge, the product information provided below conforms to the corresponding information in the possession of Polymershapes Distribution Canada with respect to such products. This certification and the sale of products are, unless otherwise agreed to in writing, subject to Polymershapes Distribution Canada standard conditions of sale. This document shall not be reproduced, except in full, without prior written approval.

Quantity	Description	Lot Number/Spec.
10 SHTS	TIVAR 1000-BLACK PLATE PLANED 2 SIDES, +/- .020 1" X 48" X 120"	6372257 ASTM D4020

Polymershapes Canada Distribution Inc.

By:**Title:**

Quality Coordinator



QUADRANT
ENGINEERING PLASTIC PRODUCTS

Quadrant EPP USA, Inc.
2120 Fairmont Avenue, P.O. Box 14235
Reading, PA 19612-4235
Phone 610-320-6600

Ship to:

Sabic Polymershapes - Dorval
1665 - 55th Avenue

Dorval, QUE H9P 2W3
Canada

Consignee: 0002000430

Sold to:

SABIC Polymershapes - Dorval
1665, 55 Avenue

Dorval, QUE H9P 2W3
Canada

Delivery address: 1A
Delivery No: 8557043

Declaration of compliance with the order according EN 10204 - 2.1

TIVAR 1000 PLATE BLACK

1 x 48 x 120 IN

PLANED 2 SIDES, +/- .020

Item No: 03010110318

Lot: 6372257

Ship date: 02/24/17

Original Production Lot: 6322765

Date of MFG: 02/20/17

Qty: 40.00 PC

Supplied against purchase order number: MTL-105134

Quadrant Order No: 0001887110

Product is known as ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE with a pigment additive.

Base resin meets ASTM D4020 with a molecular weight of 3.0 to 6.2 million G/Mol.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Stephanie Marabella
FUNCTION: Product Specification & Certification Engineer
E-MAIL: stephanie.marabella@qplas.com
DATE: 02/24/17
DIGITAL SIGNATURE

Stephanie Marabella

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MUHMWB10
 DATE: SEP 27 2017

PO / BATCH NO.: PO34711/M138393

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 400 S&A
 QUANTITY INSPECTED: 400 S&A
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1"
 THICKNESS RECEIVED: 1"
 SHEET SIZE ORDERED: 4x10
 SHEET SIZE RECEIVED: 4x10

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	<u>tivar 1000</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	<u>PO 34711</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 5</u> DATE: <u>SEP 27 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

PURCHASE MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS
THICKNESS - TOLERANCE: +0.030"/NO MINUS

PART NUMBER: MUHMW C TTT THICK. WHERE TTT = THICKNESS IN 1/100 INCHES
C = COLOUR (B = BLACK)
(W = WHITE)

EG. 1.000" UHMW BLACK TIVAR 1000 = MUHMWB100
1.250" UHMW BLACK TIVAR 1000 = MUHMWB125

MINIMUM MATERIAL PROPERTY VALUES
*REFERENCE DART REPORT DR-1041

YIELD TENSILE 2900 PSI
ULTIMATE TENSILE 4600 PSI
YIELD SHEAR 2200 PSI
ULTIMATE SHEAR 3500 PSI
YIELD BEARING 2800 PSI
ULTIMATE BEARING 4200 PSI
FLEXURAL MODULUS 105000 PSI

RELEASED
R 12/10/76
ECN 12-672

C	INCREASED ACCURACY OF PART NUMBER THICKNESS, "TTT" WAS "TT"		AP	12.09.27
B	REFORMAT ADDED MATERIAL REQUIREMENTS FROM D2689 MANUFACTURER UPDATED (SEE PAR 11-105)		AJS	11.06.09
A	NEW ISSUE		RF	05.03.31
REV.	DESCRIPTION		BY	DATE
DRAWN	RF	AP		
CHECKED	AP	AP		
MFG. APPR.	N/A	MUHMW		
APPROVED				
DE APPR.				
DATE	12.09.27			
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. C		
DRAWING NO.		SHEET 1 OF 1		
TITLE		SCALE		
UHMW SHEET		NONE		
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34711

Purchase Order Date 12/20/2017
PO Print Date 12/21/2016

Page Number 1 of 6

Order From :
SABIC POLYMER SHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

VU-SAB001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

DEC 21 2016

Contact Name
Vendor Phone 613-745-7043

Ship To Contact
Ship To Phone
Ship Via: Journey Freight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MUHMWB10 ✓	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	4/28/2017 Yes 4/28/2017	FN	400.00 sf ✓	\$21.10	\$8,440.00

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

613-745-55

Line Total: \$8,440.00

PO Instructions: DELIVERY DATES TBA

Note:

12/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34711

Purchase Order Date 12/20/2017

PO Print Date 12/21/2016

Page Number 2 of 6

Order From :

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

VU-SAB001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-745-7043

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB Destination-Collect

2	MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	7/28/2017	FN	400.00	\$21.10	\$8,440.00
---	----------	--	-----------	----	--------	---------	------------

Yes

sf

7/28/2017

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

SEP 7-25

Line Total: \$8,440.00

3	MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	8/30/2017	FN	400.00	\$21.10	\$8,440.00
---	----------	--	-----------	----	--------	---------	------------

Yes

sf

8/30/2017

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

SEP 17-30

PO Instructions: DELIVERY DATES TBA

Note:

12/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34711**

Purchase Order Date 12/20/2017

PO Print Date 12/21/2016

Page Number 3 of 6

Order From :

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

VU-SAB001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

613-745-7043

Ship To Contact

Ship To Phone

Ship Via:

Journey Freight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Total: \$8,440.00

4 MUHMB10

UHMW 1" Black -
48"x120" Tivar
Mfg.#52480104

9/29/2017 FN

400.00

\$21.10

\$8,440.00

Yes

sf

9/29/2017

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

Line Total: \$8,440.00

5 MUHMB10

UHMW 1" Black -
48"x120" Tivar
Mfg.#52480104

10/16/2017 FN

400.00

\$21.10

\$8,440.00

Yes

sf

10/16/2017

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

PO Instructions: DELIVERY DATES TBA

Note:

12/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34711

Purchase Order Date 12/20/2017

PO Print Date 12/21/2016

Page Number 4 of 6

Order From : VU-SAB001
SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613-745-7043	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	USD
Ship Via:	Journey Freight collect	FOB	Destination-Collect
Ship Acct:			

Line Total: \$8,440.00

6	MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	10/30/2017	FN	400.00	\$21.10	\$8,440.00
			Yes		sf		
			10/30/2017				

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

Line Total: \$8,440.00

7	MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	11/30/2017	FN	400.00	\$21.10	\$8,440.00
			Yes		sf		
			11/30/2017				

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

PO Instructions: DELIVERY DATES TBA

Note:

12/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34711

Purchase Order Date 12/20/2017
PO Print Date 12/21/2016

Page Number 5 of 6

Order From :

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

VU-SAB001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-745-7043

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Total: \$8,440.00

8	MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	12/20/2017	FN	400.00	\$21.10	\$8,440.00
			Yes		sf		
			12/20/2017				

MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS

NOTE: PLANNED BOTH SIDES

Line Total: \$8,440.00

10	71401-45	PROCUREMENT QUALITY CLAUSES	12/20/2017	1.00	\$0.00	\$0.00
			No			
			12/20/2017			

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A017 RAW MATERIAL IDENTIFICATION (AS
APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

8017-55

PO Instructions: DELIVERY DATES TBA

Note:

12/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34711**

Purchase Order Date 12/20/2017

PO Print Date 12/21/2016

Page Number 6 of 6

Order From :

VU-SAB001

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ONTARIO K1B 5M6
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-745-7043

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Total: \$0.00

PO Total: \$67,520.00

PO Instructions: DELIVERY DATES TBA

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

2

Change Date: 12/21/2016